

2/4 **Fig. 3**

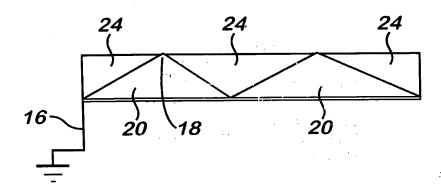


Fig. 4(a)

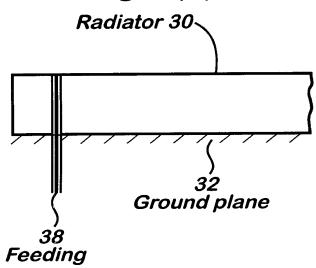


Fig. 4(b)

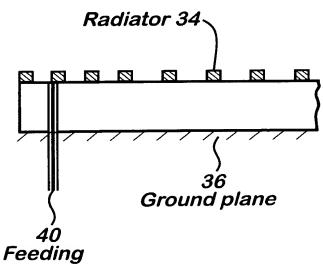
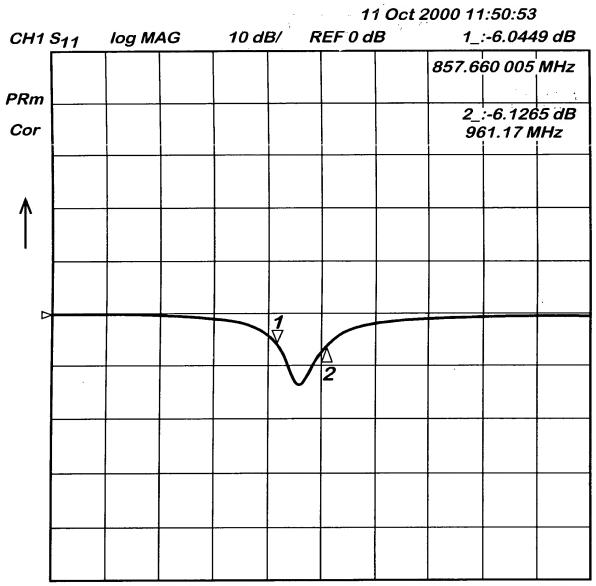


Fig. 5(a)

Flat PIFA



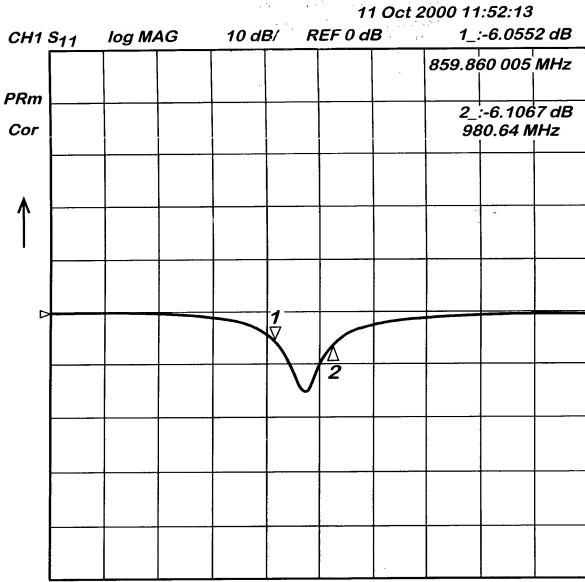
START 400.000 000 MHz

STOP 1 500.000 000 MHz

-6db bandwidth = 103.51 MHz

Fig. 5(b)

Shaped PIFA



START 400.000 000 MHz

STOP 1 500.000 000 MHz

-6db bandwidth = 120.74 MHz